

ABSTRACT

A method for fabricating a green ceramic article containing organic compounds. The method involves first heating the green ceramic article to sequentially remove the organic compounds such that the organic compound with the lowest weight loss onset temperature is substantially removed prior to the next higher weight loss onset temperature organic compound. The organic compounds include but are not limited to at least an oil or oil-based compound having a flash point or an ignition temperature, higher than the weight loss onset temperature. For this system the temperature during heating is maintained below the flash point of the oil or oil-based compound until substantial removal thereof from the green ceramic structural body. After the organic compounds are substantially removed, the green ceramic article is further fired to a temperature and for a time to obtain a final fired body.